

CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 03/26/02

AGENDA ITEM 4

WORK SESSION ITEM

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Meekland Avenue Sanitary Sewer Replacement Project – Approval of Addendum No. 1 and Award of Construction Contract

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution that approves Addendum No. 1, which makes minor revisions to the plans and specifications, and awards the contract to California Trenchless, Inc., in the amount of \$987,881.

BACKGROUND:

The existing sanitary sewer mains at Meekland Avenue, Princeton Street and Sunset Boulevard are 70 years old. Most are inadequate in size to carry current wet weather flows and are currently experiencing surcharge problems. The project will replace 6,300 feet of the existing 8-inch and 12-inch sewer pipes with new 8-inch and 18-inch sewer pipes, including upsizing 4,716 feet of existing 12-inch sewer pipe to 18-inch. This upsizing is necessary in order to enable the new sewer pipe to carry the existing sewer flow from this developed area. The project, which will also include reconnection of all service lines, will improve the hydraulic capacity and reliability of the sewer system to carry the flow from the existing homes and developments.

Portions of the project are located in Alameda County and an Encroachment Permit will be obtained from the County for the work in the county areas.

On January 22, 2002, the City Council approved the plans and specifications for the subject project and called for bids to be received on March 5, 2002. Eleven bids were received ranging from \$987,881 to \$1,897,596. The engineer's estimate for the project was \$1,147,175. Four bids were higher and seven bids were lower than the engineer's estimate. The low bid, submitted by California Trenchless, Inc., of Oakland, in the amount of \$987,881 is approximately 13.9% below the engineer's estimate. California Trenchless is currently mobilized and is working in this general vicinity, which may have contributed to their ability to submit a competitive bid.

The combined DBE and WBE goal established for this project was 8.0%. The low bidder attained 9% DBE and WBE participation. The DBE/WBE subcontracting documentation submitted by the low bidder indicates that the low bidder has met the City's requirements.

The Addendum contains clarifications to the plans and specifications. It was issued primarily to respond to questions raised during the advertisement period.

Notices will be provided to affected residents, property owners and business owners, to inform them of the nature and purpose of the work, potential impacts, and City contact for additional information. A second notice will be provided when the contractor's work schedule is defined and specific dates for street closures can be established.

Environmental Review:

The pipeline project is statutorily and categorically exempt from environmental review under the California Environmental Quality Act (CEQA). This project qualifies for an exemption as the Public Resource Code states that CEQA does not apply to any project of less than one mile in length within a public right-of-way for the installation of a new pipeline or replacement, removal, or demolition of an existing pipeline. This project is also exempt pursuant to CEQA as it replaces an existing utility system (the pipeline) and does not involve an expansion of capacity beyond what is necessary to efficiently carry the existing wet weather flow.

Project Cost:

Design & Survey	\$ 110,000
Construction Cost	\$ 987,881
Temporary Construction Easement	\$ 40,000
Street Slurry Seal	\$ 62,119
Inspection & Administration	\$ 100,000
Total:	\$ 1,300,000

Funding:

A total of \$1,778,000 is included in the Sewer Collection Replacement Fund in the 2001-02 Capital Improvement Program for the Meekland Avenue Sanitary Sewer Replacement Project.

Schedule:

The following tentative project schedule has been developed for these projects:

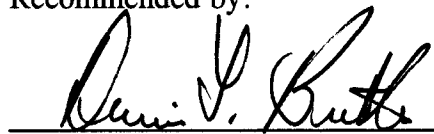
Award Construction Contract	March 26, 2002
Begin Construction	May 2002
Construction Completion	September 2002

Prepared by:



Alex Ameri, Deputy Director of Public Works

Recommended by:



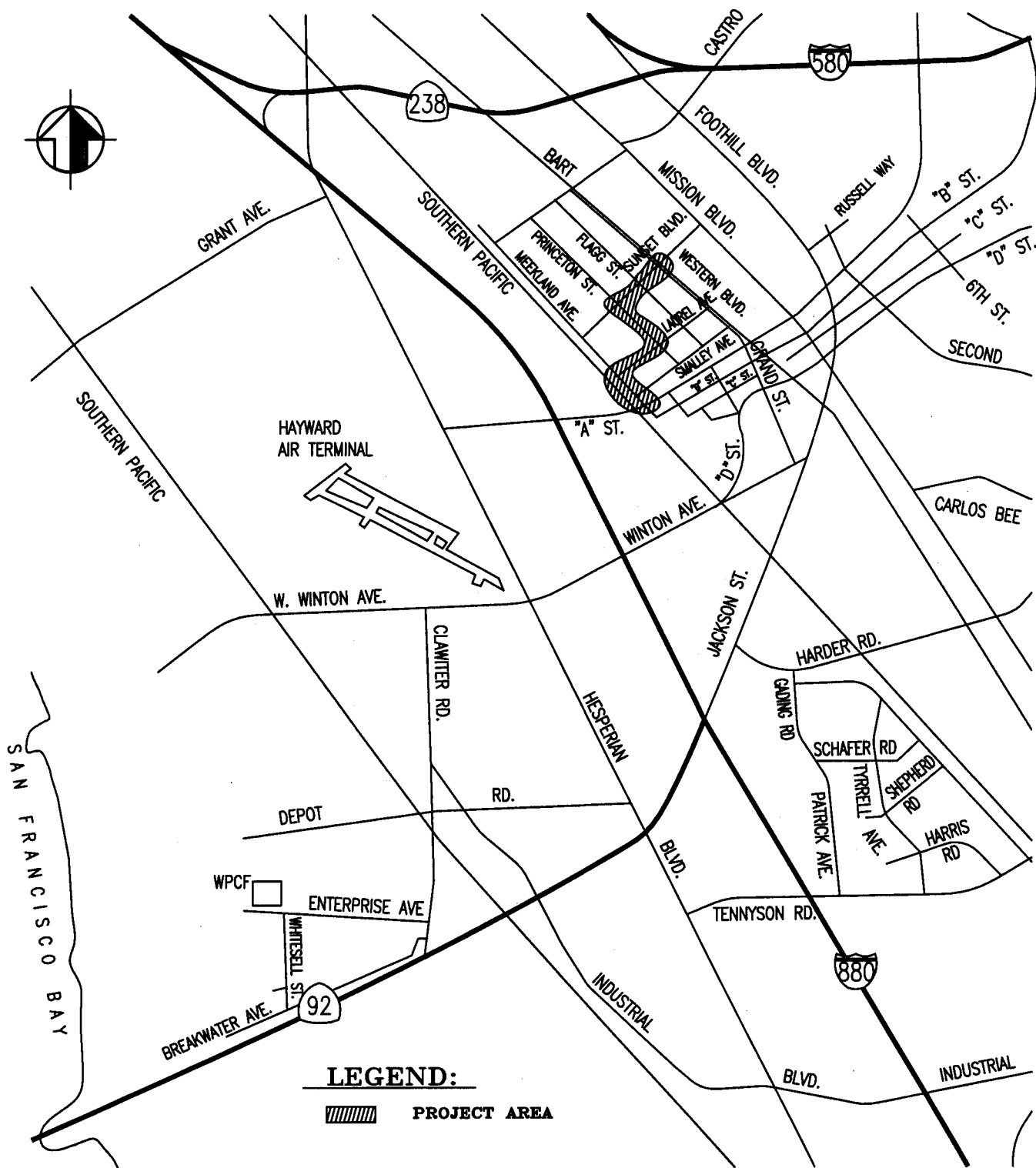
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachment: Exhibit A - Project Location Map
Exhibit B - Bid Summary



PROJECT LOCATION MAP

MEEKLAND AVENUE SANITARY SEWER REPLACEMENT PROJECT
PROJECT NO. 614-7585

EXHIBIT "A"

CITY OF HAYWARD
 MEEKLAND AVENUE SANITARY SEWER REPLACEMENT PROJECT
 PROJECT NO. 7585
 BIDS OPENED: MARCH 5, 2002

EXHIBIT "B" - BID SUMMARY

(NUMBER OF BIDS RECEIVED - 11)

Page 1 of 4

BID SUMMARY				ENGINEER'S ESTIMATE		CALIFORNIA TRENCHLESS 95 LINDEN STREET #4 OAKLAND CA 94607 (510) 834-7473 PHONE (510) 834-7463 FAX		TALUS CONST., INC. 6717 CROW CANYON ROAD CASTRO VALLEY CA 94552 (510) 583-0002 PHONE (510) 583-0004 FAX		SHAW PIPELINE, INC. 5244 MISSION STREET SAN FRANCISCO CA 94112 (415) 337-0190 PHONE (415) 337-6245 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	CONSTRUCTION AREA SIGNS	8,000.00	8,000.00	2,500.00	2,500.00	5,465.00	5,465.00	5,000.00	5,000.00
2	1	LS	TRAFFIC CONTROL SYSTEM	20,000.00	20,000.00	5,000.00	5,000.00	25,900.00	25,900.00	5,000.00	5,000.00
3	1	LS	TRENCH SHORING AND TRENCH SAFETY	11,000.00	11,000.00	15,000.00	15,000.00	18,045.00	18,045.00	7,500.00	7,500.00
4	1,261	TN	ASPHALT CONCRETE (PAVEMENT REPLACEMENT)	110.00	138,710.00	79.00	99,619.00	94.00	118,534.00	110.00	138,710.00
5	1,129	LF	CONSTRUCT 8" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	65.00	73,385.00	64.00	72,256.00	62.00	69,998.00	80.00	90,320.00
6	448	LF	CONSTRUCT 12" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	85.00	38,080.00	74.00	33,152.00	81.00	36,288.00	100.00	44,800.00
7	4,608	LF	CONSTRUCT 18" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	125.00	576,000.00	108.00	497,664.00	92.50	426,240.00	110.00	506,880.00
8	20	EA	CONSTRUCT NEW MANHOLE	4,000.00	80,000.00	2,600.00	52,000.00	3,180.00	63,600.00	1,750.00	35,000.00
9	17	EA	REMOVE EXISTING MANHOLES & CLEANOUTS	500.00	8,500.00	750.00	12,750.00	460.00	7,820.00	300.00	5,100.00
10	181	EA	RECONNECT EXISTING SEWER SERVICE LINES (LATERALS)	300.00	54,300.00	440.00	79,640.00	520.00	94,120.00	150.00	27,150.00
11	4	EA	MODIFY EXISTING SANITARY SEWER AND STORM DRAIN MANHOLES	800.00	3,200.00	1,200.00	4,800.00	835.00	3,340.00	500.00	2,000.00
12	1	LS	TREE PRESERVATION, REMOVAL AND REPLACEMENT	5,000.00	5,000.00	1,500.00	1,500.00	4,180.00	4,180.00	8,000.00	8,000.00
13	2	EA	STORM DRAIN SYSTEM RELOCATION AT PRINCETON & SUNSET AND MEEKLAND & LAUREL	5,500.00	11,000.00	1,500.00	3,000.00	5,445.00	10,890.00	7,000.00	14,000.00
14	1	LS	REMOVE EXISTING RETAINING WALL & FENCES & CONSTRUCT NEW FENCES	20,000.00	20,000.00	9,000.00	9,000.00	13,485.00	13,485.00	30,000.00	30,000.00
15	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL		1,147,175.00		987,881.00		997,905.00		1,019,460.00

EXHIBIT "B" - BID SUMMARY

CITY OF HAYWARD
 MEEKLAND AVENUE SANITARY SEWER REPLACEMENT PROJECT
 PROJECT NO. 7585
 BIDS OPENED: MARCH 5, 2002

EXHIBIT "B" - BID SUMMARY

(NUMBER OF BIDS RECEIVED - 11)

Page 2 of 4

BID SUMMARY				ENGINEER'S ESTIMATE		WAYNE G. SCHLOSSER P.O. BOX 1087 DANVILLE CA 94526 (925) 648-2400 PHONE (925) 648-2300 FAX		J. FLORES CONST. CO., INC. 4229 MISSION STREET SAN FRANCISCO CA 94112 (415) 337-2934 PHONE (415) 337-2937 FAX		ANDES CONST., INC. 5035 E. 12TH STREET OAKLAND CA 94604 (510) 536-7832 PHONE (510) 536-7834 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	CONSTRUCTION AREA SIGNS	8,000.00	8,000.00	1,000.00	1,000.00	5,000.00	5,000.00	3,500.00	3,500.00
2	1	LS	TRAFFIC CONTROL SYSTEM	20,000.00	20,000.00	10,000.00	10,000.00	30,000.00	30,000.00	5,000.00	5,000.00
3	1	LS	TRENCH SHORING AND TRENCH SAFETY	11,000.00	11,000.00	5,000.00	5,000.00	15,000.00	15,000.00	4,500.00	4,500.00
4	1,261	TN	ASPHALT CONCRETE (PAVEMENT REPLACEMENT)	110.00	138,710.00	100.00	126,100.00	114.00	143,754.00	105.00	132,405.00
5	1,129	LF	CONSTRUCT 8" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	65.00	73,385.00	70.00	79,030.00	60.00	67,740.00	100.00	112,900.00
6	448	LF	CONSTRUCT 12" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	85.00	38,080.00	80.00	35,840.00	90.00	40,320.00	110.00	49,280.00
7	4,608	LF	CONSTRUCT 18" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	125.00	576,000.00	100.00	460,800.00	105.00	483,840.00	125.00	576,000.00
8	20	EA	CONSTRUCT NEW MANHOLE	4,000.00	80,000.00	3,000.00	60,000.00	3,000.00	60,000.00	4,500.00	90,000.00
9	17	EA	REMOVE EXISTING MANHOLES & CLEANOUTS	500.00	8,500.00	600.00	10,200.00	150.00	2,550.00	500.00	8,500.00
10	181	EA	RECONNECT EXISTING SEWER SERVICE LINES (LATERALS)	300.00	54,300.00	1,000.00	181,000.00	400.00	72,400.00	75.00	13,575.00
11	4	EA	MODIFY EXISTING SANITARY SEWER AND STORM DRAIN MANHOLES	800.00	3,200.00	500.00	2,000.00	1,000.00	4,000.00	2,500.00	10,000.00
12	1	LS	TREE PRESERVATION, REMOVAL AND REPLACEMENT	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	500.00	500.00
13	2	EA	STORM DRAIN SYSTEM RELOCATION AT PRINCETON & SUNSET AND MEEKLAND & LAUREL	5,500.00	11,000.00	2,500.00	5,000.00	10,000.00	20,000.00	1,500.00	3,000.00
14	1	LS	REMOVE EXISTING RETAINING WALL & FENCES & CONSTRUCT NEW FENCES	20,000.00	20,000.00	10,000.00	10,000.00	60,000.00	60,000.00	1,500.00	1,500.00
15	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL		1,147,175.00		1,090,970.00		1,109,604.00		1,110,660.00

EXHIBIT "B" - BID SUMMARY

(NUMBER OF BIDS RECEIVED - 11)

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BID SUMMARY				ENGINEER'S ESTIMATE		BAY PACIFIC PIPELINES P.O. BOX 1162 NOVATO CA 94948 (415) 897-6958 PHONE (415) 897-1409 FAX		K.J. WOODS CONST., INC. 2625 JUDAH STREET, NO. 2 SAN FRANCISCO CA 94122 (415) 759-0506 PHONE (415) 759-1348 FAX		D&D PIPELINES 515 BALBOA STREET SAN FRANCISCO CA 94118 (415) 876-4293 PHONE (415) 876-4163 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	CONSTRUCTION AREA SIGNS	8,000.00	8,000.00	2,000.00	2,000.00	4,000.00	4,000.00	5,000.00	5,000.00
2	1	LS	TRAFFIC CONTROL SYSTEM	20,000.00	20,000.00	15,000.00	15,000.00	20,000.00	20,000.00	20,000.00	20,000.00
3	1	LS	TRENCH SHORING AND TRENCH SAFETY	11,000.00	11,000.00	20,000.00	20,000.00	20,546.00	20,546.00	50,000.00	50,000.00
4	1,261	TN	ASPHALT CONCRETE (PAVEMENT REPLACEMENT)	110.00	138,710.00	90.00	113,490.00	60.00	75,660.00	85.00	107,185.00
5	1,129	LF	CONSTRUCT 8" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	65.00	73,385.00	90.00	101,610.00	100.00	112,900.00	90.00	101,610.00
6	448	LF	CONSTRUCT 12" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	85.00	38,080.00	95.00	42,560.00	130.00	58,240.00	90.00	40,320.00
7	4,608	LF	CONSTRUCT 18" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	125.00	576,000.00	125.00	576,000.00	138.00	635,904.00	115.00	529,920.00
8	20	EA	CONSTRUCT NEW MANHOLE	4,000.00	80,000.00	2,000.00	40,000.00	3,500.00	70,000.00	4,000.00	80,000.00
9	17	EA	REMOVE EXISTING MANHOLES & CLEANOUTS	500.00	8,500.00	500.00	8,500.00	600.00	10,200.00	1,000.00	17,000.00
10	181	EA	RECONNECT EXISTING SEWER SERVICE LINES (LATERALS)	300.00	54,300.00	300.00	54,300.00	50.00	9,050.00	400.00	72,400.00
11	4	EA	MODIFY EXISTING SANITARY SEWER AND STORM DRAIN MANHOLES	800.00	3,200.00	1,500.00	6,000.00	1,000.00	4,000.00	1,000.00	4,000.00
12	1	LS	TREE PRESERVATION, REMOVAL AND REPLACEMENT	5,000.00	5,000.00	15,000.00	15,000.00	1,500.00	1,500.00	5,000.00	5,000.00
13	2	EA	STORM DRAIN SYSTEM RELOCATION AT PRINCETON & SUNSET AND MEEKLAND & LAUREL	5,500.00	11,000.00	2,500.00	5,000.00	8,000.00	16,000.00	5,000.00	10,000.00
14	1	LS	REMOVE EXISTING RETAINING WALL & FENCES & CONSTRUCT NEW FENCES	20,000.00	20,000.00	20,000.00	20,000.00	10,000.00	10,000.00	10,000.00	10,000.00
15	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL		1,147,175.00		1,119,460.00 *		1,148,000.00		1,152,435.00

* TOTAL DIFFERENT THAN
SUBMITTED BID

CITY OF HAYWARD
 MEEKLAND AVENUE SANITARY SEWER REPLACEMENT PROJECT
 PROJECT NO. 7585
 BIDS OPENED: MARCH 5, 2002
 (NUMBER OF BIDS RECEIVED - 11)

EXHIBIT "B" - BID SUMMARY

Page 4 of 4

BID SUMMARY				ENGINEER'S ESTIMATE		MOUNTAIN CASCADE, INC. P.O. BOX 5050 LIVERMORE CA 94551 (925) 373-8370 PHONE (925) 373-0940 FAX		MJB PIPELINE P.O. BOX 192 MT. EDEN CA 94557 (510) 785-5805 PHONE (510) 786-3544 FAX	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	CONSTRUCTION AREA SIGNS	8,000.00	8,000.00	4,500.00	4,500.00	10,000.00	10,000.00
2	1	LS	TRAFFIC CONTROL SYSTEM	20,000.00	20,000.00	4,500.00	4,500.00	40,000.00	40,000.00
3	1	LS	TRENCH SHORING AND TRENCH SAFETY	11,000.00	11,000.00	6,015.00	6,015.00	15,000.00	15,000.00
4	1,261	TN	ASPHALT CONCRETE (PAVEMENT REPLACEMENT)	110.00	138,710.00	125.00	157,625.00	150.00	189,150.00
5	1,129	LF	CONSTRUCT 8" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	65.00	73,385.00	62.00	69,998.00	90.00	101,610.00
6	448	LF	CONSTRUCT 12" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	85.00	38,080.00	108.00	48,384.00	135.00	60,480.00
7	4,608	LF	CONSTRUCT 18" SEWER PIPES (PVC SDR 26) INCLUDING REMOVAL OF EXISTING SEWER PIPES	125.00	576,000.00	136.00	626,688.00	207.00	953,856.00
8	20	EA	CONSTRUCT NEW MANHOLE	4,000.00	80,000.00	2,325.00	46,500.00	2,500.00	50,000.00
9	17	EA	REMOVE EXISTING MANHOLES & CLEANOUTS	500.00	8,500.00	942.00	16,014.00	1,000.00	17,000.00
10	181	EA	RECONNECT EXISTING SEWER SERVICE LINES (LATERALS)	300.00	54,300.00	628.00	113,668.00	1,500.00	271,500.00
11	4	EA	MODIFY EXISTING SANITARY SEWER AND STORM DRAIN MANHOLES	800.00	3,200.00	950.00	3,800.00	1,000.00	4,000.00
12	1	LS	TREE PRESERVATION, REMOVAL AND REPLACEMENT	5,000.00	5,000.00	3,500.00	3,500.00	5,000.00	5,000.00
13	2	EA	STORM DRAIN SYSTEM RELOCATION AT PRINCETON & SUNSET AND MEEKLAND & LAUREL	5,500.00	11,000.00	7,500.00	15,000.00	10,000.00	20,000.00
14	1	LS	REMOVE EXISTING RETAINING WALL & FENCES & CONSTRUCT NEW FENCES	20,000.00	20,000.00	14,215.00	14,215.00	60,000.00	60,000.00
15	1	LS	ADMINISTRATIVE CHANGE ORDERS	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL		1,147,175.00		1,230,407.00		1,897,596.00

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

**RESOLUTION APPROVING ADDENDUM NO. 1 AND
AWARDING CONSTRUCTION CONTRACT TO
CALIFORNIA TRENCHLESS, INC., FOR THE MEEKLAND
AVENUE SANITARY SEWER REPLACEMENT PROJECT,
PROJECT NO. 7585**

WHEREAS, on January 22, 2002, the City Council approved the plans and specifications for the Meekland Avenue Sanitary Sewer Replacement Project, Project No. 7585, and called for bids to be received on March 5, 2002; and

WHEREAS, on March 5, 2002, eleven bids were received ranging from \$987,881 to 1,897,569 and California Trenchless, Inc., of Oakland submitted the low bid in the amount of \$987,881, which is 13.9 percent lower than the Engineer's Estimate; and

WHEREAS, Addendum No. 1 was prepared to make minor revision to the plans and specifications and respond to questions raised during the advertisement period.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 is hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED by the City Council of the City of Hayward that California Trenchless, Inc., is hereby awarded the construction contract for the Meekland Avenue Sanitary Sewer Replacement Project No. 7585, in accordance with the plans and specifications adopted therefor and on file in the office of the City Clerk of the City of Hayward at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute an agreement for the award of the contract on behalf of the City of Hayward, in an amount not to exceed \$987,881, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward